

IN THE CLAIMS

Please amend the claims of the present application under the provisions of 37 C.F.R. §1.121(c), as indicated below:

1. (Currently amended): Electric motor with variable rotation speed comprising:

- a stator (2) connected to at least one magnetic induction coil,
- a rotor (5) on which are formed at least two magnetic poles each having opposite polarity,
- said at least one coil being adapted to form on said stator at least two magnetic induction poles having opposite polarity,
- an adjusting device (5) for said rotation speed on said rotor comprising an antijamming filter (52),

wherein said antijamming filter comprises at least one portion of said magnetic induction coil, said magnetic induction coil being divided into a first portion (3a) and a second portion (3b) connected to each other in series and said speed adjusting device (5) being positioned between said first portion (3a) and said second portion (3b), said first (3a) and second portion (3b) being located in a motor chassis, said speed adjusting device is also located inside the motor chassis.

2. (Cancelled)

3. (Currently amended): Motor according to claim [[2]] 1 wherein said first portion and said second portion are identical to each other.

4. (Original): Motor according to claim 1 wherein said antijamming filter (52) comprises an RC system.

5. (Original): Motor according to claim 1 wherein said adjusting device comprises a phase shutting piloting circuit.
6. (Original): Motor according to claim 1 wherein said adjusting device comprises a phase "chopper" piloting circuit.
7. (Previously presented): Motor according to claim 1 wherein said adjusting device acts exclusively on a single part of a group of action windings in a single phase motor with an out-of-phase condenser.
8. (Original): Motor according to claim 1 wherein said adjusting device acts exclusively on one phase in a motor having at least two phases.
9. (Cancelled)
10. (New): A motor according to claim 1 wherein the motor is an asynchronous motor.